

CPCA

Pick and Ship Power Control Assembly

- Up to 75 Amps
- Single Circuit Operation
- Shutdown Capability
- Short Circuit Current Rating is rated to a minimum of 5kA
- NEMA4 or NEMA 4X Offerings
- On/Off or Proportional Control



TIP

Consider pairing with our Pick and Ship Sensor kits which include a process sensor, sensor wire, and a 304SS thermowell with a 3/4" NPT connection, 7-1/2" insertion length, and lagging extension for up to 3" of insulation clearance.

- PSKS-J4SS50-0001 (Type J T/C)
- PSKS-RTD4SS200-0002 (RTD)



CPCA-C1 COMMON FEATURES

- Electrical Rating – 480 volts, 3 phase, 1 circuit. (600 volts, 3 phase, 40A is available)
- Power Terminal Enclosure – Fiberglass, rated NEMA 4X / IP66, cULus Certification.
- Power Wiring Conduit Location – Enclosure can be punch drilled to suit incoming power connection size and location.
- Power Control Type – On/Off control utilizing a mechanical contactor, rated up to 40 or 75 amps.
- Process & Overtemp Controllers – includes a Chromalox 6040 process and 6050 overtemperature controller, door mounted, for process and overtemperature control.
- Shutdown Capability – Main Disconnect Switch
- Enclosure Heater – Integral Enclosure Heater allowing for usage in ambient down to -18°C.
- Mounting Location – Enclosure is designed for mounting in an environment up to NEMA 4X IP66 rating with a maximum of 40°C and minimum of -18°C ambient, out of direct sunlight.
- Short Circuit Current Rating – Assembly is rated for up to 5kA SCCR

CPCA-S1 COMMON FEATURES

- Electrical Rating – 480 volts, 3 phase, 1 circuit.
- Power Terminal Enclosure – Gray powder coated, rated NEMA 4 / IP66, cULus Certification.
- Power Wiring Conduit Location – Enclosure can be punch drilled to suit incoming power connection size and location.
- Power Control Type – Full proportional control utilizing a SSR assembly, rated up to 75 amps.
- Shutdown Capability – One shutdown contactor is provided for complete power off capability.
- Optional Shutdown Capability – Connection is shipped jumpered, and can be reconfigured to accept a customer relay signal for heater operation.
- Heat Sinks – External heat sinks are provided for temperature regulation, pre-mounted to the enclosure.
- Mounting Location – Enclosure is designed for mounting in an environment up to NEMA 4 IP66 rating with a maximum of 40°C and minimum of 0°C ambient, out of direct sunlight.
- Short Circuit Current Rating – Assembly is rated for up to 5kA SCCR

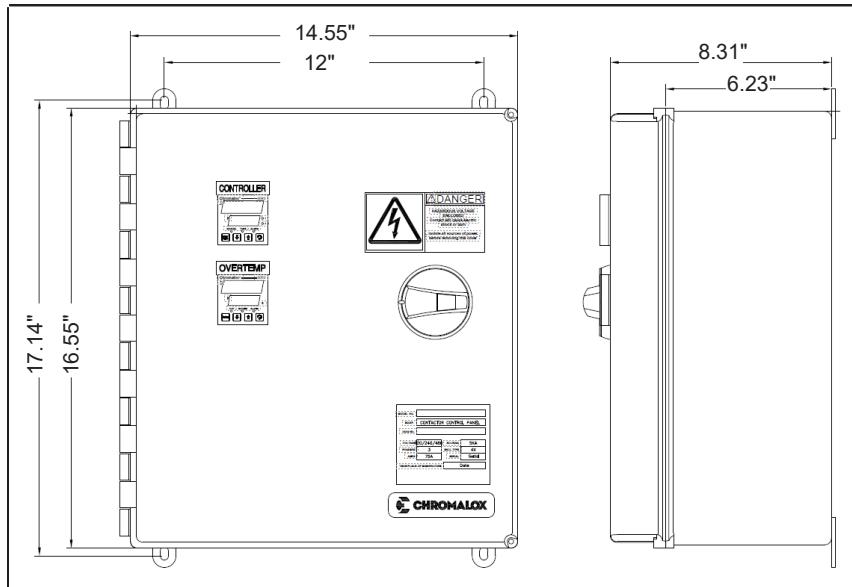
SELECTION TABLE

Model Description	Part Number	Amp Rating	Power Control Type	Process Controller	Overtemperature Controller	Controller Mounting Location
CPCA-C1-40E4X 480V3PH	484111-001	40	On/Off	6040-RRA100	6050-1RA10	Door Mount
CPCA-C1-75E4X 480V3PH	484111-002	75	On/Off	6040-RRA100	6050-1RA10	Door Mount
CPCA-C1-75E4X 600V3PH	484111-003	40	On/Off	6040-RRA100	6050-1RA10	Door Mount
CPCA-S1-75E4V 480V3PH	484211-003	75	Proportional	6040-SRA100	6050-1RA10	Door Mount

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CPCA-C1 DIMENSIONS(in)



CPCA-S1 DIMENSIONS(in)

